

### **Abstract**

The present invention relates to a flow machine with a compressor (2) and at least one turbine (5), and in which an air intake booster (3) is arranged in an intake duct (1) of the compressor (2), and an exhaust gas booster (9) is arranged in an exhaust gas duct (8) of the at least one turbine (4) [sic]. In operation of the flow machine, the individual booster stages are operated, singly or in combination, in dependence on the specific operating conditions.

The flow machine and the associated operating process make possible an economic mode of operation of the flow machine.

(Fig. 1).